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NASA Procedural Requirements

COMPLIANCE IS MANDATORY**NPR 8530.1A**Effective Date: June 04,
2004Expiration Date: June 04,
2009[Printable Format \(PDF\)](#)

Subject: Affirmative Procurement Program and Plan for Environmentally Preferable Products

Responsible Office: Environmental Management Division[| TOC](#) | [Preface](#) | [Chapter1](#) | [Chapter2](#) | [Chapter3](#) | [Chapter4](#) | [Chapter5](#) | [AppendixA](#) |
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CHAPTER 1. DEFINITIONS

1.1 Affirmative Procurement

- A program for acquiring Environmental Protection Agency (EPA)-designated products, required by the Resource Conservation and Recovery Act of 1976 (RCRA) (42 U.S.C. 6962) and Executive Order 13101 of September 14, 1998, "Greening the Government through Waste Prevention, Recycling, and Federal Acquisition."

1.2 Center

- As defined by NPR 1000.3, Section 1.2.1.2.

1.3 Component Facility

- As defined by NPR 1000.3, Section 1.2.1.3.

1.4 Environmental Managers

- The heads of the Environmental Program Offices at each NASA Center and Component Facility, as referenced in NPD 8500.1, Section 5.e.1.

1.5 Environmentally Preferable

- Products or services that have a lesser or reduced adverse effect on human health and the environment when compared with competing products or services that serve the same purpose. This comparison may consider raw materials acquisition, production, manufacturing, packaging, distribution, reuse, operation, maintenance, or disposal of the product or service.

1.6 EPA-Designated Product

- An item or category of item, designated by EPA, which can be made with recovered material, advancing the purpose of Affirmative Procurement when purchased. EPA-designates items in the CPG, which is amended periodically in the Federal Register and located in EPA's regulations at 40 CFR Part 247. The minimum-recovered content standards for EPA-designated products, and recommended practices for the procurement of such items, are published periodically in the Federal Register under the title of Recovered Materials Advisory Notices (RMANS). Further defined in FAR 23.401.

1.7 Life Cycle Cost Analysis

- A comparison of the amortized annual costs of using a product with respect to a product that is not CPG-compliant.

Costs under consideration include capital costs, installation costs, operating costs, maintenance costs, and disposal costs discounted over the lifetime of the product.

1.8 Recovered Material

- Waste materials and byproducts which have been recovered or diverted from solid waste, but such term does not include those materials and byproducts generated from, and commonly reused within, an original manufacturing process. [EO 13101 and 42 U.S.C. 6903 (19)]

1.9 Recyclability

- The ability of a product or material to be recovered from, or otherwise diverted from, the solid waste stream for the purpose of recycling. [EO 13101]

1.10 Recycling

- The series of activities, including collection, separation, and processing, by which products or other materials are recovered from the solid waste stream for use in the form of raw materials in the manufacture of new products other than fuel for producing heat or power by combustion. [EO 13101]

1.11 Request Originator

- The person or organization initiating a procurement request or Governmentwide commercial purchase card micropurchase.

1.12 Waste Prevention

- (also known as "source reduction") Any change in the design, manufacturing, purchase, or use of materials or products (including packaging) to reduce their amount or toxicity before they are discarded. Waste prevention also refers to the reuse of products or materials. [EO 13101]

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